

Title (en)

ZINC OXIDE-BINDING ANTIBODY AND USE THEREOF

Title (de)

ZINKOXID BINDENDER ANTIKÖRPER UND VERWENDUNG DAVON

Title (fr)

ANTICORPS DE FIXATION À L'OXYDE DE ZINC ET SON UTILISATION

Publication

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Application

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Abstract (en)

The present invention relates to a zinc oxide-binding antibody having high stability and binding activity, and high-throughput sensing technology using the antibody, such as biosensors. Specifically, the present invention relates to a peptide-grafted antibody that contains a zinc oxide-recognizing peptide in the CDR H-1 region of a camel antibody, and a solid support (e.g., a biosensor and a protein chip) containing a zinc oxide layer on which the antibody has been immobilized.

IPC 8 full level

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